| Index of Claims |                       |          |              |                   |           |                  |            |           |  |                          |                        | Application to the state of the |                     |          |      |          |            |                 |  |                   | Reexamination |           |         |              |          |  |  |  |
|-----------------|-----------------------|----------|--------------|-------------------|-----------|------------------|------------|-----------|--|--------------------------|------------------------|--|---------------------|----------|------|----------|------------|-----------------|--|-------------------|---------------|-----------|---------|--------------|----------|--|--|--|
|                 |                       |          |              |                   |           |                  |            |           |  |                          | 10/612,447<br>Examiner |  |                     |          |      |          |            |                 |  | ALLEN, WILLIAM E. |               |           |         |              |          |  |  |  |
|                 |                       |          |              |                   |           |                  |            |           |  |                          |                        |  |                     |          |      |          |            |                 |  | t Ur              | iit           |           |         |              |          |  |  |  |
|                 | ·                     |          |              |                   |           |                  |            |           |  | Laura L. Stockton, Ph.D. |                        |  |                     |          |      |          |            | ,               | 1626   |                   |               |           |         |              |          |  |  |  |
|                 |                       |          |              | 11                |           |                  |            |           |  |                          |                        |  |                     |          |      |          |            |                 |  |                   |               |           |         | <u></u>      |          |  |  |  |
|                 | √ Rejected – (Through |          |              |                   |           |                  |            |           | umei   | ral)                     | 7                      | П  | Non-Elect           |          |      | hod      |            | П               | Appeai   |                   |               |           |         |              |          |  |  |  |
|                 | 4 Valected            |          |              |                   | Cancelled |                  |            | Ţ         | N NON-EI   |                          |                        | iaci   |                     |          | Δ    | Whhadi   |            |                 |  | ╛                 |               |           |         |              |          |  |  |  |
|                 | = Allowed             |          |              |                   | +         |                  | Restricted |           |  |                          | 1                      | Interference   |                     | се       |      | 0        | Objected   |                 |  |                   |               |           |         |              |          |  |  |  |
|                 |                       |          |              |                   | Ľ         | 1                |            |           |  |                          |                        | ال   |                     |          |      |          | j          | Ш               |  |                   |               |           |         |              |          |  |  |  |
|                 | Claim Date            |          |              |                   | _         | CI               | Claim      |           |  | Date                     |                        |  |                     | Claim    |      | aim      | <u> </u>   | Date            |  |                   |               | 1         |         |              |          |  |  |  |
|                 |                       | DID      | 9            |                   |           | П                |            | ī         |  |                          |                        | П  | П                   |          | 1    |          | _          | П               |  |                   |               |           | Т       | T            |          |  |  |  |
|                 | Final<br>Original     | B        | D            |                   | -         |                  | Final      | Original  |  |                          |                        |  |                     |          |      | Final    | Original   |                 | ١  |                   |               |           | 1       |              |          |  |  |  |
|                 | 10                    | 05       | 78           |                   |           |                  |            |           | Щ  |                          | 1                      | Ц  | Ц                   | $\bot$   |      |          |            | Ш               | $\perp$  |                   |               |           | ┙       |              | ]        |  |  |  |
|                 | 2                     | Ŀ        |              |                   |           | +                | -          | 51<br>52  | $\vdash$   | ╀                        | +-                     | H  | $\dashv$            | +        | -    |          | 101<br>102 | H               | +  | +                 | +             | $\dashv$  | +       | ╀            | { ·      |  |  |  |
|                 | 3                     | П        | $\mathbf{V}$ |                   |           |                  |            | 53        |  |                          |                        |  |                     |          |      |          | 103        |                 | İ  |                   |               |           |         |              | ]        |  |  |  |
|                 | 4                     | Н        | <b>V</b>     | -   -             | ┝╌┋╌      | 1-4              |            | 54<br>55  | -  | Н                        | +                      | Н  | -                   | -        | -    |          | 104<br>105 | $\vdash$        | 4  | 4                 | Ш             |           | 4       | 1            |          |  |  |  |
|                 | H                     | H        |              | <del>- - -</del>  | $\vdash$  | <del>     </del> | -          | 56        | $\vdash$   | H                        | +                      | Н  | $\dashv$            | 十        | ┪    |          | 106        | H               | +  | +                 | $\vdash$      | H         | +       | ╁            | 1        |  |  |  |
|                 |                       | $\prod$  | V            |                   |           |                  |            | 57        |  | П                        | I                      |  | $\Box$              | 1        | 1    |          | 107        |                 | $\downarrow$   |                   |               | $\Box$    |         |              | ]        |  |  |  |
|                 | 9                     | ╫        | 0            | <del>-  </del>    | $\vdash$  | H                | $\vdash$   | 58<br>59  | $\vdash$   | ╁╌┼╌                     | +                      | Н  | $\dashv$            | ╬        | -    |          | 108<br>109 | $\vdash$        | +  | +                 | +-            | Н         | +       | ╁            | 1        |  |  |  |
|                 | 10                    | I        |              |                   |           |                  |            | 60        |  |                          |                        |  | $\exists$           | 土        |      |          | 110        | 口               |  | 1                 | 1             |           |         | 士            | j        |  |  |  |
|                 | 11 12                 | ₩        |              |                   | ┝╌┼╌      | <b></b>          | _          | 61<br>62  | <del>                                     </del> | ++                       | $\bot$                 | Н  | $\dashv$            | +        | -    |          | 111<br>112 | $\sqcup$        | 4  | 4                 | <u> </u>      | Н         | _       | $\perp$      |          |  |  |  |
|                 | 13                    | H        |              |                   |           | H                | -          | 63        | $\vdash$   | $\vdash$                 | +                      | H  | $\dashv$            | $\dashv$ | -    |          | 113        | H               | $\dashv$   | +                 | +             | +         | +       | ╁            |          |  |  |  |
|                 |                       | $\Pi$    |              |                   |           |                  |            | 64        |  |                          |                        | П  | $\Box$              | 7        |      |          | 114        | $\Box$          | $\dashv$   |                   |               |           | 1       | 1            |          |  |  |  |
|                 |                       | H        | -            |                   | $\vdash$  | H                | _          | 65<br>66  | $\vdash\vdash$                                   | ╁┼                       | +-                     | $\vdash$   | -                   |          | -    | _        | 115<br>116 | ₩               | +  | +                 | +             | Н         | +       | +-           |          |  |  |  |
|                 |                       | Ŀ        |              |                   |           |                  |            | 67        |  |                          |                        |  | 二                   |          |      |          | 117        |                 | 士  |                   |               |           | 士       | 土            | j        |  |  |  |
|                 | 18                    | $\vdash$ | H            | ++-               |           | +                | -          | 68<br>69  |  | ╁┼                       | +                      | Н  |                     | +        | -    |          | 118<br>119 | Н               | 4  | +                 | -             | $\dashv$  | _       | $\perp$      |          |  |  |  |
|                 | 20                    |          |              |                   |           |                  |            | 70        |  |                          | +                      | H  |                     | _        | ┪    |          | 120        | H               | ╁  | +                 | ╁             | Н         | +       | +            | 1        |  |  |  |
|                 | 21                    |          |              |                   |           |                  |            | 71        |  | П                        | $\bot$                 | П  | $\Box$              |          |      |          | 121        | П               | $\Box$   |                   | $\Box$        |           |         | 1            |          |  |  |  |
|                 | 22 23                 | $\vdash$ |              |                   | $\vdash$  | H                | _          | 72<br>73  | -  | ╁┼                       | +                      | Н  | $\dashv$            | +        | -    |          | 122<br>123 | H               | $\dashv$   | ╬                 | +-            |           | +       | +            |          |  |  |  |
|                 | 24                    |          |              |                   |           |                  |            | 74        |  | 耳                        |                        |  | $\Box$              |          |      |          | 124        |                 | $\!$ |                   |               |           | 土       | İ            | 1        |  |  |  |
|                 | 25<br>26              | ├-       |              | -                 |           | +                |            | 75<br>76  | $\vdash$   | ╀                        | +                      | H  | $\dashv$            | ╬        | -    |          | 125<br>126 | $\sqcup$        | 4  | +                 | $\vdash$      | $\dashv$  | $\bot$  | $\bot$       | ]        |  |  |  |
|                 | 27                    |          |              |                   |           |                  |            | 77        |  |                          |                        |  |                     |          |      |          | 127        | $\Box$          | T  | +                 | $\vdash$      | $\dashv$  | +       | +            | 1        |  |  |  |
|                 | 28<br>29              | H        |              |                   |           | H                |            | 78<br>79  | 4  |                          | $\perp$                | Ц  | 4                   |          | ] [  |          | 128        |                 | $\bot$   |                   |               |           | 1       | $\bot$       | ]        |  |  |  |
|                 | 30                    |          |              |                   | ╁         | <del>   </del>   | -          | 80        |  |                          | +                      | $\dashv$   | $\dashv$            | +        | -    |          | 129<br>130 | H               | +  | +                 | ╁╌┤           | $\dashv$  | ᅷ       | ╁            | -        |  |  |  |
|                 | 31                    |          |              |                   |           |                  |            | 81        |  |                          |                        |  | 1                   |          |      |          | 131        |                 | 1  |                   |               |           | 土       |              | <b>j</b> |  |  |  |
|                 | 32                    | Н        | +            |                   | $\vdash$  | +-               | <u> </u> - | 82<br>83  | -  | ╁┼                       | ╀                      | Н  | $\dashv$            | - -      | -    | -        | 132<br>133 | H               | +  | 4-                | $\vdash$      | 4         | $\perp$ | +-           | , i      |  |  |  |
|                 | 34                    |          |              |                   |           |                  |            | 84        |  |                          | $\perp$                |  | $\exists$           | 土        |      |          | 134.       |                 | +  | ╁                 | H             | +         | +       | +            | 1        |  |  |  |
|                 | 35<br>36              | Н        | +            |                   | -         | $\vdash$         | <b> </b> - | 85<br>86  | -  | $\vdash$                 | $\bot$                 |  | 4                   | $\perp$  | -    |          | 135        | П               | $\bot$   |                   |               | $\exists$ | ]_      | 工            |          |  |  |  |
| •               | 37                    | Н        |              |                   | _         | H                | <u> </u>   | 87        |  | -                        | H                      | H  | $\dashv$            | +        | ╢    |          | 136<br>137 | Н               | +  | ╅                 | H             | $\dashv$  | +       | +-           |          |  |  |  |
|                 | 38                    |          |              |                   | $\perp$   |                  |            | 88        |  |                          | $\Box$                 | $\Box$   | ユ                   | 1        |      |          | 138        |                 |  | 1                 |               |           |         | 上            | ]        |  |  |  |
|                 | 39<br>40              | H        | _            | +                 | +         | ++               | -          | 89<br>90  | +  | ++                       | +                      | $\dashv$   | $\dashv$            | +        | ╢    |          | 139<br>140 | $\vdash \vdash$ | +  | +                 | $\vdash$      | -+        | +       | ╁-           |          |  |  |  |
|                 | 41                    | П        | $\Box$       |                   | $\bot$    | $\square$        |            | 91        | 工  |                          | 口                      | $\Box$   | $\rightrightarrows$ | 士        |      |          | 141        |                 | 士  | 1                 | ∄             | 士         | $\pm$   | 上            |          |  |  |  |
|                 | 42                    | H        |              | ++                | -         | +                | $\vdash$   | 92<br>93  | -  | $\vdash \vdash$          | +                      | $\dashv$   | +                   | +        | -    |          | 142<br>143 | ert             | $\perp$  | $\bot$            | $\Box$        | $\dashv$  | T       | $oxed{\Box}$ |          |  |  |  |
|                 | 44                    |          |              |                   | 士         |                  |            | 94        | 上  |                          | 且                      |  | 士                   | 士        | ┪╟   |          | 144        |                 | +  | +                 | H             | +         | +       | +            |          |  |  |  |
|                 | 45                    | dash     |              | ++1               | $\perp$   | H                |            | 95<br>96  | _  | $\prod$                  | $\Box$                 | $\Box$   | 4                   | $\bot$   |      | $\Box$   | 145        | П               | 7  |                   | 口             | $\Box$    | 1       | I            |          |  |  |  |
|                 | 47                    | ᅥ        |              |                   | +         | <del>   </del>   | $\vdash$   | 97        | +  | $\vdash$                 | ╫                      | $\dashv$   | $\dashv$            | +        | ╢    | $\dashv$ | 146<br>147 | $\vdash \vdash$ | +  | +                 | H             | $\dashv$  | +-      | +            |          |  |  |  |
|                 | 48                    | П        | $\Box$       | $\Box$            |           |                  |            | 98        |  | 口                        | $\Box$                 | コ  | $\bot$              |          |      |          | 148        |                 | 土  | 土                 |               |           | 士       |              |          |  |  |  |
|                 | 49<br>50              |          | +            | <del>- - - </del> | +         | Н                |            | 99<br>100 | -  | +                        | ╁┤                     | +  | +                   | +        | ╢    | [        | 149<br>150 | $\dashv$        | +  | +                 | $oxed{\Box}$  | 4         | $\bot$  | $\Box$       |          |  |  |  |
| '               |                       | _        |              |                   |           |                  |            |           |  |                          | بب                     |  |                     |          | ∟∷∷נ |          | 130        |                 |  |                   | ш             |           |         |              |          |  |  |  |